


LOC Questions and Clarifications Memorandum

To: Solicited Vendors for Letter of Configuration (LOC) Number 37515, dated October 16, 2009 for the Mississippi Department of Information Technology Services (ITS)

From: David L. Litchliter 

Date: October 27, 2009

Subject: Responses to Questions Submitted and Clarifications to Specifications

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LOC Number 37515 is hereby amended as follows:

1. Item 4.24 is being revised to read as follows: All fiber must be terminated using LC connectors.
2. Item 5.10 is being revised to read as follows: Vendor must provide and install three category 6 data cables from the Distribution Rack #1 on the raised floor in the Data Center to the Guard Shack.
3. Item 5.13 is being revised to read as follows: Fiber must be terminated in a rack mount LIU with LC connectors/couplers.
4. Item 7.1.2 is being revised to read as follows: Rack Mount Systimax IPATCH 360 LIU – Model # 760-105-171 – Pre-loaded with modules = Quantity of 12 – State a unit cost.
5. Item 7.1.3 is being revised to read as follows: LC Fiber Couplers (Vendor to determine quantity) – State a unit cost.
6. Item 7.1.4 is being revised to read as follows: LC Fiber Connectors (Vendor to determine quantity) – State a unit cost.
7. Item 7.1.15 is being added as follows: Rack Mount Systimax IPatch Panel Manager (Model # 760-095-562) Quantity of 1 - State a unit cost.
8. Item 7.1.16 is being added as follows: Rack Mount Systimax IPatch Network Manager (Model # 760-105-353) Quantity of 1 - State a unit cost.

The following questions were submitted to ITS and are being presented as they were submitted, except to remove any reference to a specific vendor. This information should assist you in formulating your response.

Question 1: Section 4.18.1 and 4.18.2 - Does the micron fiber need to be standard or 10 gig?

Response: **The fiber optic cable specified in these sections shall be 10 gig.**

Question 2: Sections 7.1.5, 7.1.6, 7.1.14 - Can the fiber that is not labeled outdoor be indoor/outdoor fiber rated? And if so, does it need to be riser or plenum?

Response: **The fiber can be indoor/outdoor grade and shall be plenum rated.**

Question 3: Section 7.1.11 - How many inches does the 24 inch ceiling mounted ladder rack need to hang from the beams?

Response: **The ceiling mounted ladder rack shall be mounted 6 inches below the sprinkler pipe mounted on the beam.**

Question 4: Section 5.12 – Does the Category 6 cable need to be plenum or non-plenum?

Response: **The category 6 cable shall be plenum rated.**

Question 5: Sections 5.8, 5.9 – Can you confirm that the ladder rack installation for the 2nd floor is the same as the first floor?

Response: **In regards to the ladder rack, the second floor is the same distance as the first floor.**

Question 6: Section 5.14 – Can you confirm that there are only two IDF rooms that need backboards?

Response: **That is correct. There are two IDF rooms that need backboards.**

Question 7: Section 5.7 – It is my understanding from the walk-through, that there is currently no conduit from the Maintenance Hole on the South Side of the Data Center to the Maintenance Hole on Lakeland? Is that correct? The RFP requirements are to run four 4 inch conduits with three 1 ¼ inch innerduct between these two Maintenance Holes with the addition of 2 Manholes between this run in the size of 30x60x24. Is this correct?

Response: **The vendor shall install 4 four-inch conduit with three 1 ¼ inch innerduct in three of the conduits. Vendor shall install two 30x60x24 maintenance holes.**

Question 8: Sections 5.1, 5.2 – Can you please clarify “install a transition point in the MDF”?

Response: The vendor will need to transition from outdoor rated cable to indoor rated (Plenum) cable in the MDF. This will be done with a fusion splice.

Question 9: At the Lakeland and Ridgeland Maintenance Hole locations, what is required for the splicing of fiber? Do you require fusion splicing for this process?

Response: A fusion splice is required.

Question 10: Do you require fiber patch cables with this project? If so, what size is required?

Response: We do not require any patch cables with this LOC.

Question 11: Will the fiber that is going from the MDF to the racks in the data center need to be in innerduct?

Response: Yes. The fiber shall be installed in innerduct.

Question 13: Should tracer wire be installed in the underground conduits in section 5.7?

Response: Yes. The Vendor shall provide a 12 AWG copper tracer wire in all underground conduits installed by the vendor.

Question 14: In section 5.5, does the cable need to be protected?

Response: No. The cable is within the buildings' cone of protection.

Question 15: Are there splice cases in the Maintenance Holes on Lakeland and Ridgewood road?

Response: No. Vendor shall supply the splice cases needed to complete the splice.

Question 16: 5.11 – Distance to be provided. Does this need to be in innerduct?

Response: The alarm panel will be installed in the data center. Distance is approximately 150 feet.

LOC responses are due October 29, 2009, at 3:00 p.m. (Central Time).

If you have any questions concerning the information above or if we can be of further assistance, please contact Chris Nix at 601-359-1641 or via email at Chris.Nix@its.ms.gov.

cc: ITS Project File Number 37515